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## Attorney Docket No. 040803-0307870 UTILITY PATENT APPLICATION First Inventor NAOAKI YAMANAKA TRANSMITTAL PUSH NETWORK (Only for new nonprovisional applications under 37 CFR 1.53(b)) Express Mail Label No. Mail Stop Patent Application Commissioner for Patents APPLICATION ELEMENTS ADDRESS TO: P.O. Box 1450 Alexandria VA 22313-1450 See MPEP chapter 600 concerning utility patent application contents. CD-ROM or CD-R in duplicate, large table or Fee Transmittal Form (e.g., PTO/SB/17) (Submit an original and a duplicate for fee processing) Computer Program (Appendix) 2. Applicant claims small entity status. Nucleotide and/or Amino Acid Sequence Submission See 37 CFR 1.27. (if applicable, all necessary) 3. X Specification [Total Pages 56 Computer Readable Form (CRF) (preferred arrangement set forth below) Descriptive title of the invention Cross Reference to Related Applications Specification Sequence Listing on: - Statement Regarding Fed sponsored R & D i. | CD-ROM or CD-R (2 copies); or Reference to sequence listing, a table, or a computer program listing appendix - Background of the Invention - Brief Summary of the Invention - Brief Description of the Drawings (if filed) Statements verifying identity of above copies - Detailed Description ACCOMPANYING APPLICATION PARTS - Claim(s) - Abstract of the Disclosure 9. X 10. \_\_\_ Assignment Papers (cover sheet & document(s)) 4. X Drawing(s) (35 U.S.C. 113) [Total Sheets 38] Power of 37 CFR 3.73(b) Statement (when there is an assignee) Attomey 5. Oath or Declaration [Total Sheets 1 English Translation Document (if applicable) a. Newly executed (original or copy) $[\underline{X}]$ Copies of IDS 12. X Information Disclosure Statement (IDS)/PTO-1449 Citations b. X Copy from a prior application (37 CFR 1.63(d)) 13. X Preliminary Amendment Return Receipt Postcard (MPEP 503) (for continuation/divisional with Box 18 completed) (Should be specifically itemized) Certified Copy of Priority Document(s) DELETION OF INVENTOR(S) 15. Signed statement attached deleting inventor(s) (if foreign priority is claimed) Nonpublication Request under 35 U.S.C. 122 name in the prior application, see 37 CFR 16 1.63(d)(2) and 1.33(b). (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent. 6. X Application Data Sheet. See 37 CFR 1.76 17. L Other: ..... ...... 18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in the first sentence of the specification following the title, or in an Application Data Sheet under 37 CFR 1.76: X Continuation of prior application No.: 09/490,283 Divisional Continuation-in-part (CIP) Examiner David Robert VINCENT Art Unit: 2661 For CONTINUATION OF DIVISIONAL APPS only; The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts. 19. CORRESPONDENCE ADDRESS X Customer Number: OR Correspondence address below 00909 Name Address City State Zip Code Country Telephone Fax

This collection of information is required by 37 CFR 1.53(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mall Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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Caroline D. Dennison

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Registration No. (Attorney/Agent)

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Date



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FEE TOANGMITTAL			Compl t if Known					
FEE TRANSMITTAL			Application Number					
for EV 2004			Filing Date			February 10, 2004		
for FY 2004  Effective 10/01/2003. Patent fees are subject to annual revision.			First Named Inventor NA			AKI YAMANAKA		
·			Examiner Name Da			d R. VINCENT		
Applicant claims small entity status. See 37 CFR 1.27			Art Unit 20			61		
TOTAL AMOUNT OF PAYMENT (\$) 810.00		Attorney Docket No. 04			o. 040803 <i>-</i> 0	0803-0307870		
METHOD OF PAYMENT (check all that apply)		FEE CALCULATION (continued)						
Check Credit card Money Other None	3. ADDITIONAL FEES Large Entity, Small Entity							
X Deposit Account:	For For For For							
Deposit Account 033975		e (\$)	Code		ree	Description		Fee Paid
Number		130	2051		-	earge - late filing fee or oath		
Deposit Account PILLSBURY WINTHROP LLP	1052	50	50 2052 25 Surcharge - late provisional filing fee or cover sheet					<u> </u>
Name The Director is authorized to: (check all that apply)	1053							
X Charge fee(s) indicated below X Credit any overpayments		2,520		•		ling a request for ex parte reexamination		
X Charge any additional fee(s) or any underpayment of fee(s)	1804	920*	1804	920*	Requesting publi Examiner action	lesting publication of SIR prior to		
Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.	1805	1,840*	1805	1,840*	Requesting public Examiner action	esting publication of SIR after inner action		
FEE CALCULATION	1251	110	2251		Extension for re			<u> </u>
1. BASIC FILING FEE	1252	420	2252	210	Extension for re	ply within sec	ond month	<u> </u>
Large Entity Small Entity	1253		2253		Extension for re			<del></del>
Fee Fee Fee Fee Fee Description Fee Paid Code (\$)	1254	1,480	2254		Extension for re			
1001 770 2001 385 Utility filing fee 770.00	1255	2,010	2255	1,005	Extension for re	ply within fifth	n month	
1002 340 2002 170 Design filing fee	1401	330	2401	165	Notice of Appea	ıl		$\vdash$
1003 530 2003 265 Plant filing fee	1402		2402		Filing brief in su		ppeal	
1004 770 2004 385 Reissue filing fee	1403		2403		Request for oral	-		H
1005 160 2005 80 Provisional filing fee		1,510	1451	-	Petition to institu	-	-	
SUBTOTAL (1) (\$) 770.00	1452		2452			etition to revive - unavoidable		
2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE		1,330	2453 2501			o revive - unintentional		
Fee from Ext <u>ra Claims below Fee Paid</u>	1501	1,330 480	2502		Utility issue fee ( Design issue fee			
Total Claims 15 -20** = 0 X = 0	1503		2503		Plant issue fee	-		
Independent Claims - 3** = 0 X = 0	1460	130	1460	130	Petitions to the 0	the Commissioner		
Multiple Dependent	1807	50	1807	50	Processing fee	under 37 CFF	R 1.17(q)	
Large Entity   Small Entity	1806	180	1806	180	Submission of Ir	nformation Di	sclosure Stmt	
Fee Fee Fee Fee Fee Description Code (\$)  1303 49 2303 9 Claims in express of 20	8021	40	8021	40	40 Recording each patent assignment per property (times number of properties)			40.00
1202         18         2202         9         Claims in excess of 20           1201         86         2201         43         Independent claims in excess of 3	1809	770	2809	385	Filing a submiss (37 CFR 1.129(a	g a submission after final rejection		
1203 290 2203 145 Multiple dependent claim, if not paid	1810	770	2810	385	For each addition	or each additional invention to be xamined (37 CFR 1.129(b))		
1204 86 2204 43 ** Reissue independent claims over original patent	1801	770	2801	385	· ·	est for Continued Examination (RCE)		
1205 18 2205 9 ** Reissue claims in excess of 20 and over original patent	1802	900 1802 900 Request for expedited examination of a design application						
SUBTOTAL (2) (\$) 0.00 Other fee (specify)								<u> </u>
*Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$) 40.00								
SUBMITTED BY (Complete (if applicable)								
Name (PrintlType) Caroline D. Dennison A Registration No. (Attorney/Agent) 34494						Telephone (703) 905-2047		
Signature Carolho D. Dam						Date February 10, 2004		

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